Publications

Papers

'Hydroxymethylfurfural, a versatile platform chemical made from renewable resources' (**Chapter 2**)
Van Putten, R.-J.; Van der Waal, J. C.; De Jong, E.; Rasrendra, C. B.; Heeres, H. J.; De Vries, J. G. *Chem. Rev.* 2013, *113*, 1499-1597.

'The dehydration of different ketoses and aldoses to 5-hydroxymethylfurfural' (**Chapter 3**)
Van Putten, R.-J.; Soetedjo, J. N. M.; Pidko, E. A.; Van der Waal, J. C.; Hensen, E. J. M.; De Jong, E.; Heeres, H. J. *ChemSusChem* **2013**, *6*, 1681-1687.

'A comparative study on the reactivity of various ketohexoses to furanics in methanol' (**Chapter 4**)
Van Putten, R.-J.; Van de Bovenkamp, H. H.; Van der Waal, J. C.; De Jong, E.; Heeres, H. J. **2014**. *Manuscript in preparation*

'Reactivity studies on the acid-catalysed dehydration of 2-ketohexoses to 5-hydroxymethylfurfural in water' (**Chapter 5**)
Van Putten, R.-J.; Van der Waal, J. C.; De Jong, E.; Heeres, H. J. **2014**. *Manuscript in preparation*

'Experimental and modelling studies on the solubility of D-arabinose, D-fructose, D-glucose, D-mannose, sucrose and D-xylose in methanol and methanol-water mixtures' (**Chapter 6**)
Van Putten, R.-J.; Winkelman, J. G. M.; Keihan, F.; Van der Waal, J. C.; De Jong, E.; Heeres, H. J. *Ind. Eng. Chem. Res.* **2014**, *53,* 8285-8290.

Presentation

'Different ketoses in HMF synthesis'
Van Putten, R.-J.; Van der Waal, J. C.; De Jong, E.; Pidko, E.; Heeres, H. J. *Netherlands Catalysis and Chemistry Conference (NCCC)*, **2013**, Noordwijkerhout, the Netherlands (Oral presentation)